



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

(603) 271-3406 FAX (603) 271-7894
February 4, 2003



Letter of Deficiency
DSP #03-008

Mr. John Silvestro
Town Councilor
Town of Londonderry
268 Mammoth Road
Town Offices
Londonderry, NH 03053

RE: Kendall Pond aka Goss Pond Dam #142.02, Londonderry

Dear Councilor Silvestro:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on April 2, 2002. During this visual inspection and/or file review, the following deficiencies were observed:

1. The rip rap to the left of the emergency spillway is missing. According to the design plans, the emergency spillway crest is elevation 216.0, and the grades to the left of the spillway should be at 218.0. Current grades appear to be around 216.0;
2. The concrete associated with both spillway structures was in good condition;
3. There is minor brush on the upstream face of the dam to the right of the main spillway;
4. There is soil erosion on the upstream face of the dam adjacent to the left side of the main spillway;
5. There is tree and brush growth on the downstream face of the dam located between the main spillway and left abutment; and
6. There is no operation and maintenance plan (O&M) on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

October 1, 2003

1. Repair the area to the left of the emergency spillway in accordance with the design plans;
2. Remove the brush on the upstream face of the dam to the right of the main spillway and on the downstream face of the dam to the left of the main spillway; and
3. Repair the soil erosion on the upstream face of the dam adjacent to the left side of the main spillway; and

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4. Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Refer to the enclosed guidelines.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY

Jeffrey M. Blaney
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Certified # 7000 1670 0000 0586 1322

JMB/was/h:/safety/wendy/lod/142-02lod.doc